

~~SECRET~~**CONFIDENTIAL**

ENC-M60 - 487

Attn : Chief, Procurement Division, OL
PCB

8 JUN 1960

Chief, Engineering Staff, OC

 - Contract 146-19255-9
Spare PartsPlease Return To
Engineering Staff

1. Under the terms of PSC contract 146-19255-9, is fabricating one (1) service test model high speed Electrostatic Printer, In accordance with the requirements of the contract the contractor is also to furnish spare parts.

2. has submitted the attached Spare Parts List and Cost and Price Analysis. These are considered acceptable by the Engineering Staff.

3. It is requested that Requisition No. MSB 59-518, Voucher No. 59-19255, Allotment Charge 9/7900-50-095, be amended to include the spare parts as deliverable items under PSC contract 146-19255-9. There is no increase in the obligation of funds as a result of this amendment.

DOC	16	REV DATE	520580	BY	510956
ORIG COMP	033	ON	32	FILE	02
ORIG CLASS	5	PARMS	7	REV CLASS	C
JUST	22	NEXT REV	2510	AUTH:	WR 70-2

Attachment:

Contractor's letter dated 16 May 1960

Distribution:

Orig. + 1 - Addressee w/attach.

1 - R+D Subject File w/o attach.

1 - OC-E Chrono w/o attach.

1 - EP Chrono w/o attach.

OC-E/R+D-EP/PCV:eam 3 June 1960

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May 16, 1960

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*File
Contract
146-19255-9
JW*

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Subject: Contract No. 146-1⁹255-9

Gentlemen:

In accordance with the requirements of the subject Contract, we are pleased to submit herewith our proposal in the amount of \$3,639.71 for spare parts recommended to support one (1) Electrostatic Printer for a period of one (1) year. We have enclosed three (3) copies each of Spare Parts List, Enclosure "A" and Cost and Price Analysis, Enclosure "B".

The enclosed parts exhibit sets forth the minimum spare parts required to support the unit for approximately one year, with the exception of paper and ink, costs for which will be submitted at a later date. These supplies can be reordered separately when needed.

Our proposal is submitted on a fixed-price basis and will remain firm for a period of thirty (30) days. Delivery can be accomplished within three (3) months after receipt of award.

We trust that the proposed list of recommended parts meets with your approval and will enable you to issue the necessary contract modification shortly. Should you require additional information, please contact [redacted] Contract Manager, at the above address.

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Very truly yours,

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THIS DOCUMENT CONSISTS OF 1 PAGE(S)
NUMBER 2 OF 4 COPIES, SERIES _____

CONFIDENTIAL

THIS MATERIAL CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES WITHIN THE MEANING OF THE ESPIONAGE LAWS, TITLE 18, U.S.C., SECTIONS 793 AND 794. THE TRANSMISSION OR REVELATION OF WHICH IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW.

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5/9/60

Enclosure "A"

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**Electrostatic Printer
Recommended Spare Parts List**

A. Plug in Circuit Boards

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
DAG 1633	Voltage Regulator VRI	1	42.32	42.32
DAG 1635	Voltage Regulator VR2	1	45.07	45.07
DAG 1640	Pin Pulse Driver PED	1	40.65	40.65
DAG 1643	Minus Edge Driver MED	1	48.35	48.35
DAG 1627	Minus Edge Reset and Advance MR	1	35.45	35.45
DAG 1630	Plus Edge Reset and Advance PR	1	37.11	37.11
DAG 1646	Paper Advance PA	1	60.99	60.99
DAG 1649	Pin Pulse Transformers PPT	1	156.46	156.46
DAG 1655	Column Select Transformers CST	1	149.16	149.16
DAG 1624	Pin Drivers PD	2	59.29	118.58
DAG 1652	Printer Input PI	1	55.36	55.36
DAG 1658	Decoder Gates and Encoder Line Selectors LGS	1	75.06	75.06
DAG 1661	Decoder Gates and Drivers EGD	1	81.55	81.55
DAG 1670	Heater Roller Control HR	1	55.53	55.53
DAG 1673	Control Cores CC	1	74.61	74.61
DAG 1679	Syn Amplifier, Encoder Set, Delay and Receive Indicator SRI	1	44.04	44.04
DAG 1682	Read Out Driver ERN	1	45.21	45.21
DAG 1985	Decoupler DC	1	22.68	22.68
DAR 1013	Double Paper Advance DPA	1	35.45	35.45

Page 2

Electrostatic Printer

Recommended Spare Parts List

Plug in Circuit Boards (Cont'd)

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
DAV 1007	Column Select Driver, Line Feed Inhibit, Auto Paper Advance CLAP	1	43.07	43.07
DAR 1012	Encoder Assembly	1	454.23	454.23

B. Electronic Components

DAG 1070-1	Pulse Transformer	2	7.37	14.78
DAG 1070-2	Pulse Transformer	1	7.37	7.37
DAG 1089	Thermo Switch	1	7.70	7.70
DAG 1150	Power Transformer	1	36.57	36.57
DAG 1242	Power Transformer	1	13.09	13.09
DAG 1300-1	Coil and Bobbin Assembly	1	7.05	7.05
DAG 1300-2	Coil and Bobbin Assembly	1	7.05	7.05
DAG 1301	Coil and Bobbin Assembly	1	6.42	6.42
DAG 1303-1	Potentiometer, Variable	1	7.80	7.80
DAG 1303-2	Potentiometer, Variable	1	7.05	7.05
DAG 1303-3	Potentiometer, Variable	1	6.68	6.68
DAG 1591	Pulse Transformer	4	15.40	61.60
DAG 1592	Pulse Transformer	8	12.33	102.64
DAG 1619-1	Blmag Assembly	2	3.21	6.42
DAG 1704	Power Transformer	1	18.61	18.61
DAG 1771-1	Relay, 12 V. D.C.	1	4.46	4.46
DAG 1771-2	Relay, 24 V.D.C.	1	4.53	4.53
DAG 1771-3	Relay, 110 V. D.C.	1	7.27	7.27
DAG 1779	Encoder Core Assembly	1	70.50	70.50

Page 3
Electrostatic Printer
Recommended Spare Parts List

Electronic Components (Cont'd)

Part No.	Description	Quantity	Unit Price	Total Price
DAG 1783-1	Control Core	1	15.40	15.40
DAG 1783-2	Control Core	1	15.40	15.40
DXK403-1000-2	Capacitor Electrolytic 1300 MFD, 50 V DC	1	1.87	1.87
DXK403-1000-10	Capacitor Electrolytic 3500 MFD, 50V DC	2	1.87	3.74
DXK763-1002-1	Transistor, (2N527)	5	3.21	16.05
DXK763-1004-1	Transistor, (2N576A)	3	8.34	25.02
DXK763-1005-1	Transistor, (2N385)	6	3.21	19.26
DXK765-1002-1	Diode, Crystal (1N536)	4	9.62	38.48
DXK766-1002-1	Diode, Zener (1N129)	1	9.62	9.62
DXK768-1000-1	Diode, Voltage Reference (SV4013)	2	9.62	19.24
DXK769-1002-2	Diode Regulators Matched Pair of 50M4525	1	9.62	9.62
MIL-E-1/961	Diode, Crystal (1N281)	20	.67	13.40
MIL-E-1/989B	Diode, Crystal (1N253)	1	4.11	4.11
MIL-E-1/1024A	Diode, Crystal (1N254)	1	4.62	4.62
MIL-E-1/1026	Diode, Crystal (1N457)	1	4.60	4.60
MIL-E-1/	Diode, Crystal (1N547)	1	16.04	16.04
MIL-E-1/1149	Diode, Crystal (1N250B)	1	11.03	11.03
MIL-T-19500/20	Transistor (2N104)	5	2.57	12.85
MIL-T-19500/58	Transistor (2N665) Used as a spare for 2N297A	5	12.83	64.15

C. ASSEMBLIES AND MISCELLANEOUS COMPONENTS

Part No.	Description	Quantity	Unit Price	Total Price
DAG 1011	Brush, Heater Roll	1	21.03	21.03
DAG 1035	Washer, Thrust	1	.31	.31

Page 4

**Electrostatic Printer
Recommended Spare Parts List**

ASSEMBLIES AND MISCELLANEOUS COMPONENTS (Cont'd)

<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Total Price</u>
DAG 1040	Bearing	2	2.53	5.06
DAG 1064	Seal	1	.09	.09
DAG 1081	Platen, Pre-Heater	1	41.27	41.27
DAG 1099	Calendar Roll	1	11.33	11.33
DAG 1109	Roller, Heater	1	32.74	32.74
DAG 1137	Print Read Stick Assembly	1	821.50	821.50
DAG 1164	Washer	1	.31	.31
DAG 1236	Filter, Inker	1	18.60	18.60
DAG 1318	Rotor Assembly	1	15.77	15.77
DAG 1319	Brake Assembly	1	9.83	9.83
DAG 1379	Clutch - Brake Assembly	1	149.69	149.69
DAG 1542	Motor	1	20.58	20.58
DAG 1551-1 & 2	Tubing, Plastic (10 Ft.)	1	1.29	1.29
DAG 2025	Belt, Timing	1	1.10	1.10
DAG 1324	Seal, Inker	1	17.63	17.63
DAG 1981	Armature Shaft	1	5.70	5.70

D. MAINTENANCE TOOLS

A-20557-14	Gardner-Denver Co. Hand Wire Wrapping Tool	1	18.61	18.61
A-20557-15	Gardner - Denver Co. Hand Wire Wrapping Tool	1	18.61	18.61
A-21284-1	Gardner - Denver Co. Hand Wire Unwrapping Tool	1	5.46	5.46

\$3,639.71

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